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RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/050,552A

DATE: 04/16/2002
TIME: 12:02:17

Input Set : A:\10050552.ST25.txt
Output Set: N:\CRF3\04162002\J050552A.raw

3 <110> APPLICANT: Nagem, Ronaldo A.P.
 4 Colau, Didier
 5 Renauld, Jean-Christophe
 6 Dumoutier, Laure
 7 Polikarpov, Igor
 9 <120> TITLE OF INVENTION: Crystal Structure of Interleukin-22
 11 <130> FILE REFERENCE: LUD-5722 US
 13 <140> CURRENT APPLICATION NUMBER: 10/050,552A
 C--> 14 <141> CURRENT FILING DATE: 2002-04-04
 16 <150> PRIOR APPLICATION NUMBER: 60/317,937
 17 <151> PRIOR FILING DATE: 2001-09-10
 19 <150> PRIOR APPLICATION NUMBER: 60/333,150
 20 <151> PRIOR FILING DATE: 2001-11-27
 22 <160> NUMBER OF SEQ ID NOS: 5
 24 <170> SOFTWARE: PatentIn version 3.1
 26 <210> SEQ ID NO: 1
 27 <211> LENGTH: 178
 28 <212> TYPE: PRT
 29 <213> ORGANISM: homo sapiens
 31 <400> SEQUENCE: 1
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 37 Arg Ala Ser Pro Gly Gln Gly Thr Gln Ser Glu Asn Ser Cys Thr His
 38 20 25 30
 41 Phe Pro Gly Asn Leu Pro Asn Met Leu Arg Asp Leu Arg Asp Ala Phe
 42 35 40 45
 45 Ser Arg Val Lys Thr Phe Phe Gln Met Lys Asp Gln Leu Asp Asn Leu
 46 50 55 60
 49 Leu Leu Lys Glu Ser Leu Leu Glu Asp Phe Lys Gly Val Leu Gly Cys
 50 65 70 75 80
 53 Gln Ala Leu Ser Glu Met Ile Gln Phe Tyr Leu Glu Glu Val Met Pro
 54 85 . 90 95
 57 Gln Ala Glu Asn Gln Asp Pro Asp Ile Lys Ala His Val Asn Ser Leu
 58 100 105 110
 61 Gly Glu Asn Leu Lys Thr Leu Arg Leu Arg Leu Arg Arg Cys His Arg
 62 115 120 125
 65 Phe Leu Pro Cys Glu Asn Lys Ser Lys Ala Val Glu Gln Val Lys Asn
 66 130 135 140
 69 Ala Phe Asn Lys Leu Gln Glu Lys Gly Ile Tyr Lys Ala Met Ser Glu
 70 145 150 155 160
 73 Glu Asp Ile Phe Ile Asn Tyr Ile Glu Ala Tyr Met Thr Met Lys Ile
 74 165 170 175
 77 Arg Asn

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81 <210> SEQ ID NO: 2
 82 <211> LENGTH: 179
 83 <212> TYPE: PRT
 84 <213> ORGANISM: homo sapiens
 86 <400> SEQUENCE: 2
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 92 Ala Thr Ser Cys Leu Leu Leu Ala Leu Leu Val Gln Gly Gly Ala
 93 20 25 30
 96 Ala Ala Pro Ile Ser Ser His Cys Arg Leu Asp Lys Ser Asn Phe Gln
 97 35 40 45
 100 Gln Pro Tyr Ile Thr Asn Arg Thr Phe Met Leu Ala Lys Glu Ala Ser
 101 50 55 60
 104 Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe
 105 65 70 75 80
 108 His Gly Val Ser Met Ser Glu Arg Cys Tyr Leu Met Lys Gln Val Leu
 109 85 90 95
 112 Asn Phe Thr Leu Glu Glu Val Leu Phe Pro Gln Ser Asp Arg Phe Gln
 113 100 105 110
 116 Pro Tyr Met Gln Glu Val Val Pro Phe Ile Ala Arg Ile Ser Asn Arg
 117 115 120 125
 120 Leu Ser Thr Cys His Ile Glu Gly Asp Asp Leu His Ile Gln Arg Asn
 121 130 135 140
 124 Val Gln Lys Leu Lys Asp Thr Val Lys Lys Ile Gly Glu Ser Gly Glu
 125 145 150 155 160
 128 Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn
 129 165 170 175
 132 Ala Cys Ile
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 137 <211> LENGTH: 179
 138 <212> TYPE: PRT
 139 <213> ORGANISM: mus musculus
 141 <400> SEQUENCE: 3
 143 Met Ala Val Leu Gln Lys Ser Met Ser Phe Ser Leu Met Gly Thr Leu
 144 1 5 10 15
 147 Ala Ala Ser Cys Leu Leu Ile Ala Leu Trp Ala Gln Glu Ala Asn
 148 20 25 30
 151 Ala Leu Pro Val Asn Thr Arg Cys Lys Leu Glu Val Ser Asn Phe Gln
 152 35 40 45
 155 Gln Pro Tyr Ile Val Asn Arg Thr Phe Met Ile Ala Lys Glu Ala Ser
 156 50 55 60
 159 Leu Ala Asp Asn Asn Thr Asp Val Arg Leu Ile Gly Glu Lys Leu Phe
 160 65 70 75 80
 163 Arg Gly Val Ser Ala Lys Asp Gln Cys Tyr Leu Met Lys Gln Val Leu
 164 85 90 95
 167 Asn Phe Thr Leu Glu Asp Val Leu Leu Pro Gln Ser Asp Arg Phe Gln
 168 100 105 110
 171 Pro Tyr Met Gln Glu Val Val Pro Phe Leu Thr Lys Leu Ser Asn Gln
 172 115 120 125

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175 Leu Ser Ser Cys His Ile Ser Gly Asp Asp Gln Asn Ile Gln Lys Asn
176 130 135 140
179 Val Arg Arg Leu Lys Glu Thr Val Lys Lys Leu Gly Glu Ser Gly Glu
180 145 150 155 160
183 Ile Lys Ala Ile Gly Glu Leu Asp Leu Leu Phe Met Ser Leu Arg Asn
184 165 170 175
187 Ala Cys Val
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194 <213> ORGANISM: artificial sequence
196 <220> FEATURE:
197 <223> OTHER INFORMATION: A conserved sequence between Region 2 in IL-22 and IL-10
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201 Phe Thr Leu Glu Glu Val Leu
202 1 5
205 <210> SEQ ID NO: 5
206 <211> LENGTH: 4
207 <212> TYPE: PRT
208 <213> ORGANISM: artificial sequence
210 <220> FEATURE:
211 <223> OTHER INFORMATION: A conserved sequence between Region 2 of IL-22 and IL-10
213 <400> SEQUENCE: 5
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VERIFICATION SUMMARY

PATENT APPLICATION: US/10/050,552A

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L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date